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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/804,012	03/19/2004	Jae-ryong Park	1572.1220	8189

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EXAMINER

COCKS, JOSIAH C

ART UNIT	PAPER NUMBER
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3749

DATE MAILED: 10/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/804,012

Applicant(s)

PARK ET AL.

Examiner

Josiah Cocks

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 July 2006.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 5 and 7-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 5, and 7-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 7/14/2006.
- 4) ☒ Interview Summary (PTO-413)
Paper No(s)/Mail Date 20060501.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. Receipt of applicant's amendment filed 7/5/2006 is acknowledged.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 7/14/2006 has been considered by the examiner.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

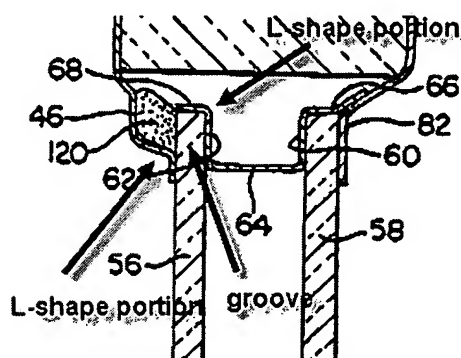
4. Claims 1, 5, and 7-17 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by U.S. Patent No. 5,881,710 to Davis et al. ("Davis").

Davis discloses in Figures 1-12 an invention in the same field of endeavor as applicant's invention and as described in applicant's claims 1, 5, and 7-17. In particular, Davis shows an oven (10) having a main body (12) forming an oven compartment and a door (16). The door (16) includes an inner cover (48), a window (56 and 58), a window accommodating part in the form of an "L" shape sections (see L shape of portion 46 and portions 68 and 62), and screws holding the portions together (see 136 and 134 and at least Fig. 12). As shown in Fig. 12, the

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"L" shapes formed by either of portions (46) and portions (68, 62) are considered to form a groove that contacts and receives a window portion (56). As segment of Fig. 12 of Davis has been reproduced below and is considered to more clearly identify the grooves and L-shapes of the window accommodating part as relates to window portion (56).

Segment of Fig. 12 from Davis (note the examiner has added the darkened arrows and the terms "groove" and "L-shape portion").



As shown in this segment (and Fig. 12 of Davis), the window portion (at least 56) is fittingly inserted into the groove as recited. This window portion (56) is further considered to be contacting the periphery of the opening (note opening formed between leftmost channel 46 and rightmost peripheral lip 82).

In regard to the limitation of the supporting member and attaching the member (claims 1 and 13), Davis clearly shows that plate part (64) includes a supporter (at least 60 and spring flange 68) integrally formed with the plate part extended from a periphery of the opening (see Fig. 12) that function to support the window against the inner cover (see col. 4, lines 1-6).

The structure of the oven and door recited in claims 1, 5, and 7-11 is considered to be fully present and taught in the figures and description of Davis (again, note particularly Figs. 11 and 12).

In regard to at least claims 12-17, the method of assembling an oven door as recited is considered to be fully present and taught in the figures and description of the assembly of the oven door of Davis (note particularly Figs. 4-12).

In regard to at least claims 1 and 13, as shown particularly in Figures 2, 11 and 12, the windows (56 or 58) are clearly contacting the external boundaries of the opening of the inner cover (48) formed at least by the portion of channel (46) extending below gasket (120) contacting window (56) and the lower portion of lip (82) contacting window (58).

Response to Arguments

5. Applicant's arguments filed 7/5/2006 have been fully considered but they are not persuasive.

Applicant again argues that because of the presence of gasket (120) Davis, the window cannot be regarded as contacting the opening of the inner liner 48. To this end applicant states in the 7/5/2006 response (relevant portions have been reproduced below):

Again, a gasket 120 is placed within a channel of the inner liner 48 and once the window assembly is assembled, it is positioned on the inner liner so that the window 58 is centered about the window 44 of the inner liner and abuts the gasket 120 to seal the window assembly (see FIGS. 11 and 12). That is, the window 58 does not contact the periphery of the opening of the inner liner 48. Further, as shown in FIG. 12, the insulation layer contacts with the periphery of the opening of the inner liner.

(response, p. 5)

However, the examiner notes that, as shown in Figs. 12 of Davis, gasket is only a small element that does not contact window (58) at all. While this gasket does contact window (56), as clearly

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shown in Fig. 12, the window (56) in addition to contacting gasket (120) also contacts the end of channel (46) which is regarded as a periphery of the opening of the inner liner (48). Therefore, contrary to applicant's assertion, the window (56) contacts the periphery of the opening of inner liner (48).

Applicant also argues that because Davis discloses that some additional sealing means, such as a liquid sealant (22) or additional insulation (22), may be used, this should, for some reason, be regarded to distinguish Davis from applicant's invention. The examiner does not agree. As all of the structural elements and method steps have been identified in Davis (see above), the presence of a teaching of additional seals and/or insulation in addition to these elements and steps does not somehow distinguish applicant's invention over the prior art.

Accordingly, applicant's claims are not considered to patentably distinguish applicant's invention over the prior art of record.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Josiah Cocks whose telephone number is (571) 272-4874. The examiner can normally be reached on M-F 8:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ehud Gartenberg can be reached on (571) 272-4828. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

jcc
September 25, 2006


JOSIAH COCKS
PRIMARY EXAMINER
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